

INTEGRATED OPTICAL PROBES

Brent C. Frogget, Douglas O. DeVore,
Vincent T. Romero, David L. Esquibel

National Security Technologies, LLC, Los Alamos Operations, Los Alamos, NM 87544

David B. Holtkamp, Michael A. Shinas

Los Alamos National Laboratory, Los Alamos, NM 87545

Optical probes used in velocimetry measurements have typically been individual probes that collect data for a single diagnostic at a single point. These probes have been used in diagnostics such as VISAR, PDV, and radiometry, which measure surface velocity, temperature, and other characteristics. When separate probes are used for these measurements, the different diagnostic points measured must be significantly separated. We have developed integrated probes that collect data for multiple optical diagnostics; these probes measure points in close proximity.

Key words: optical probe, VISAR, PDV, radiometry

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